

FIG. 1

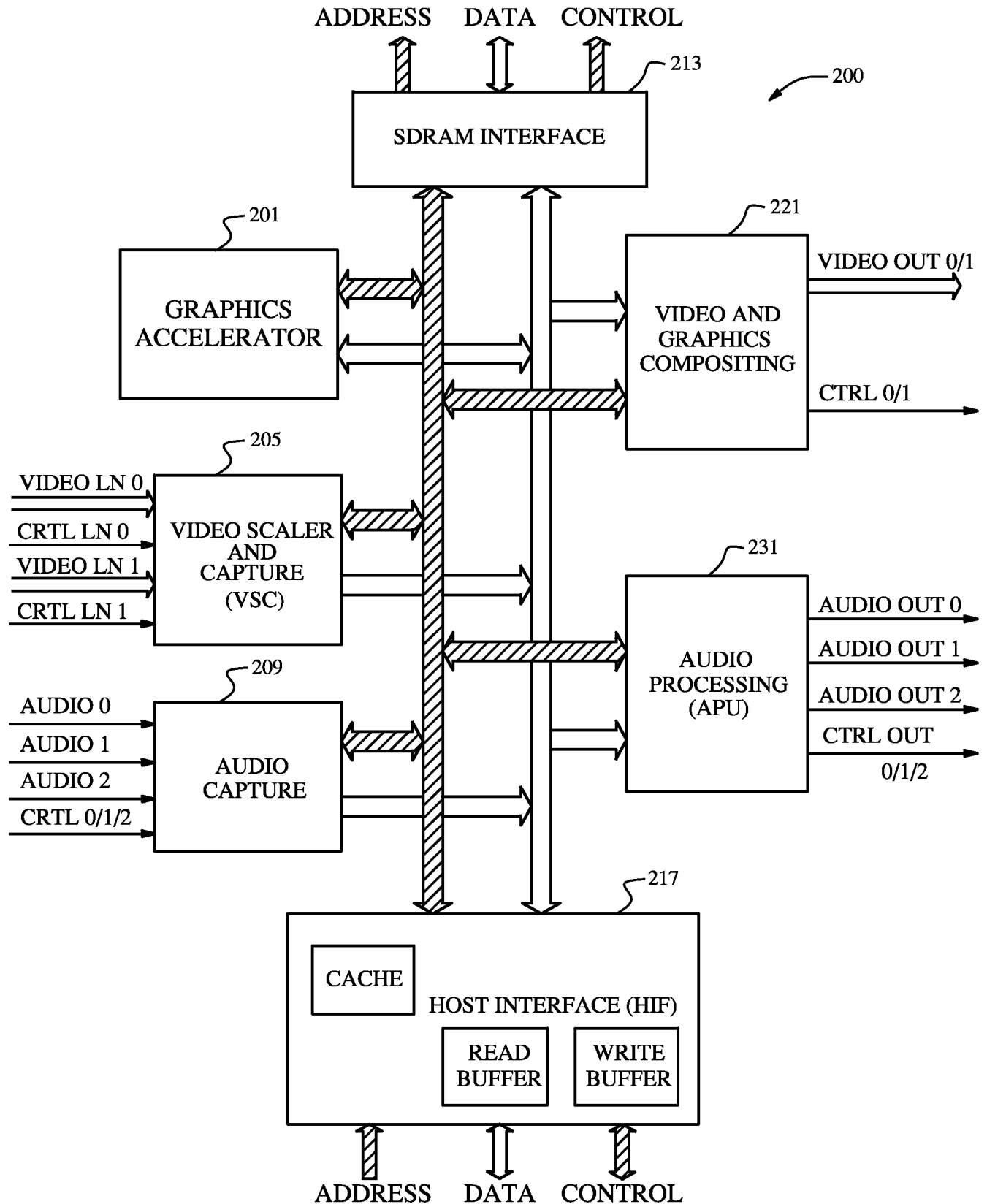


FIG. 2

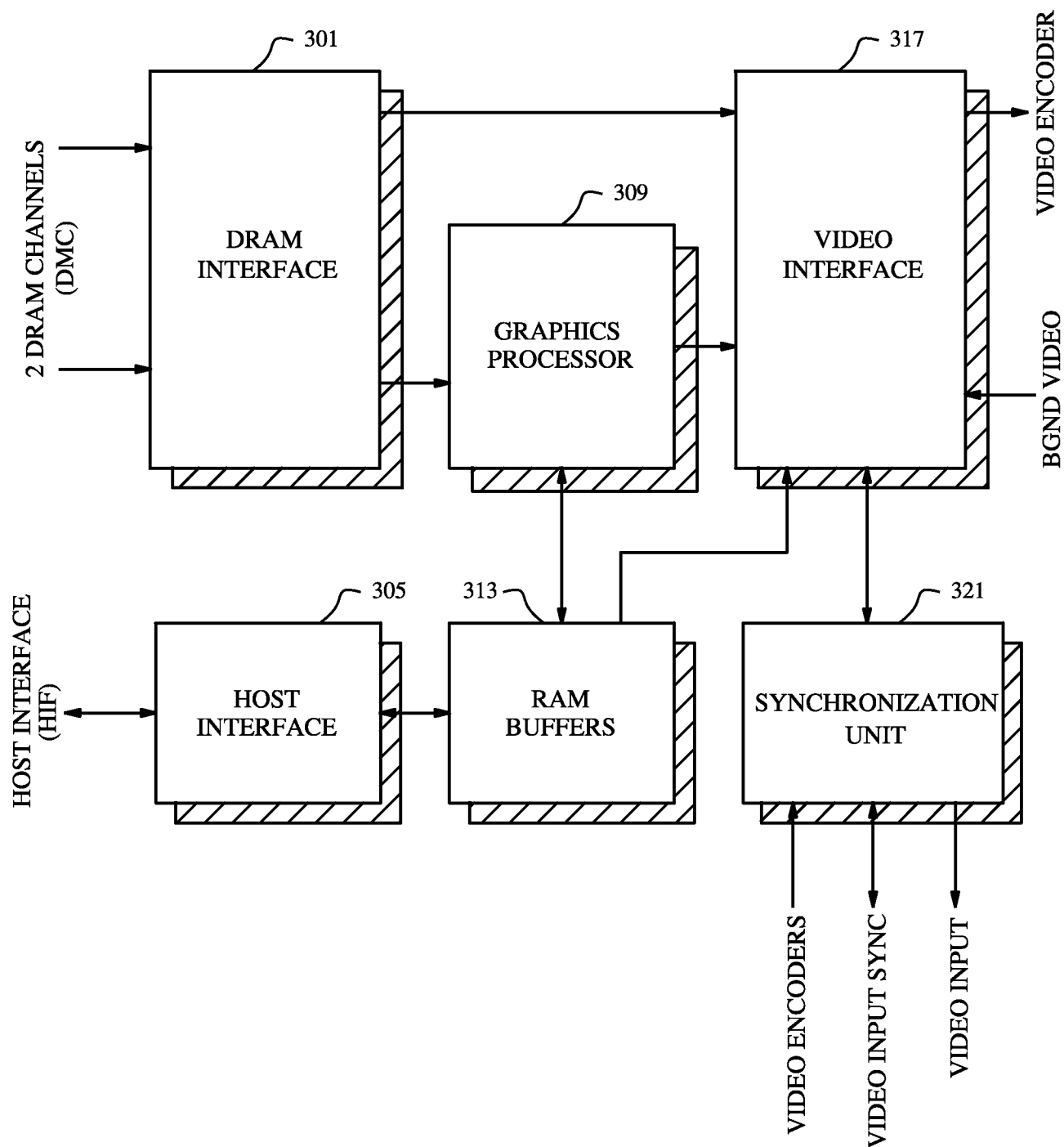


FIG. 3

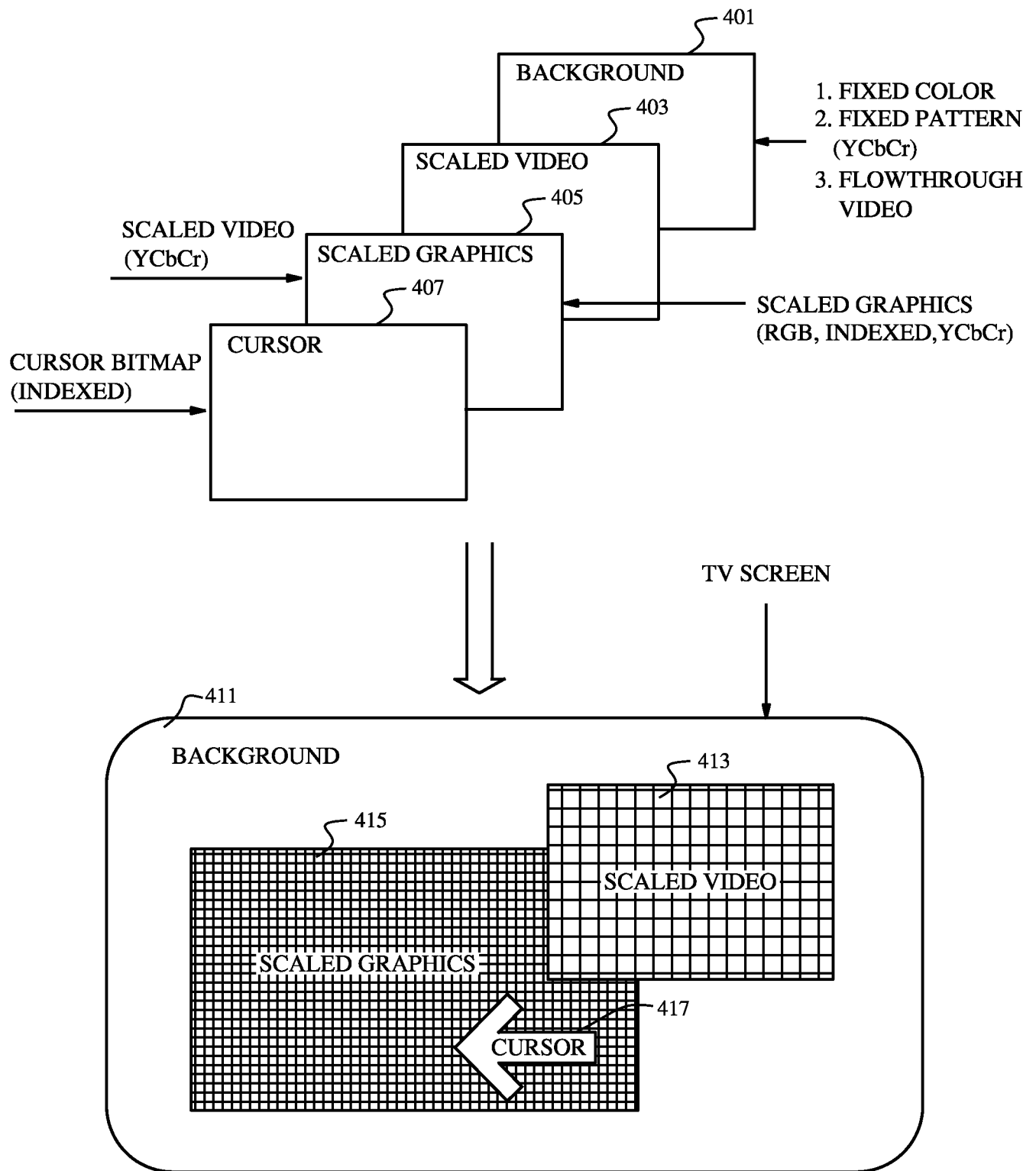


FIG. 4

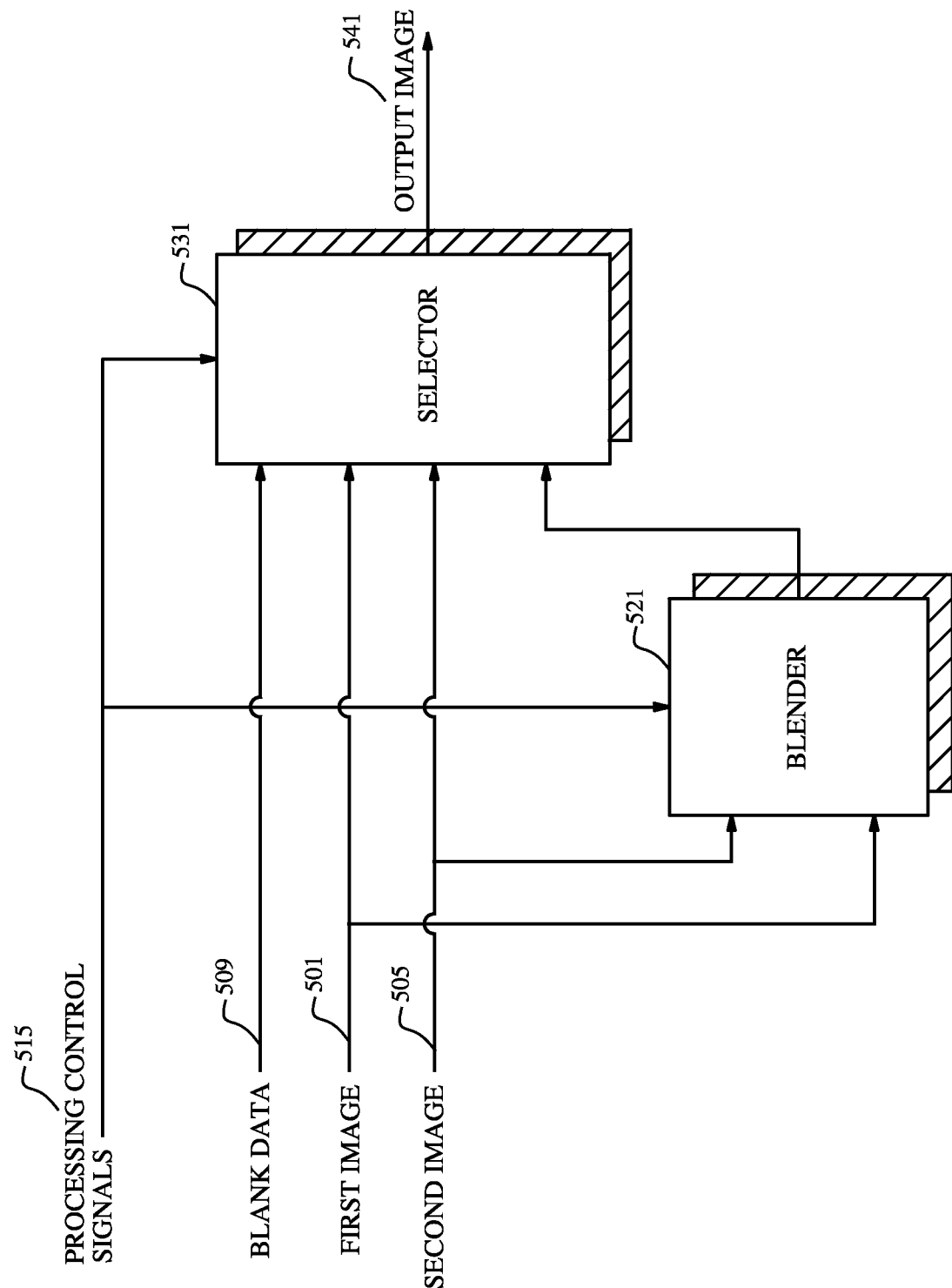


FIG. 5

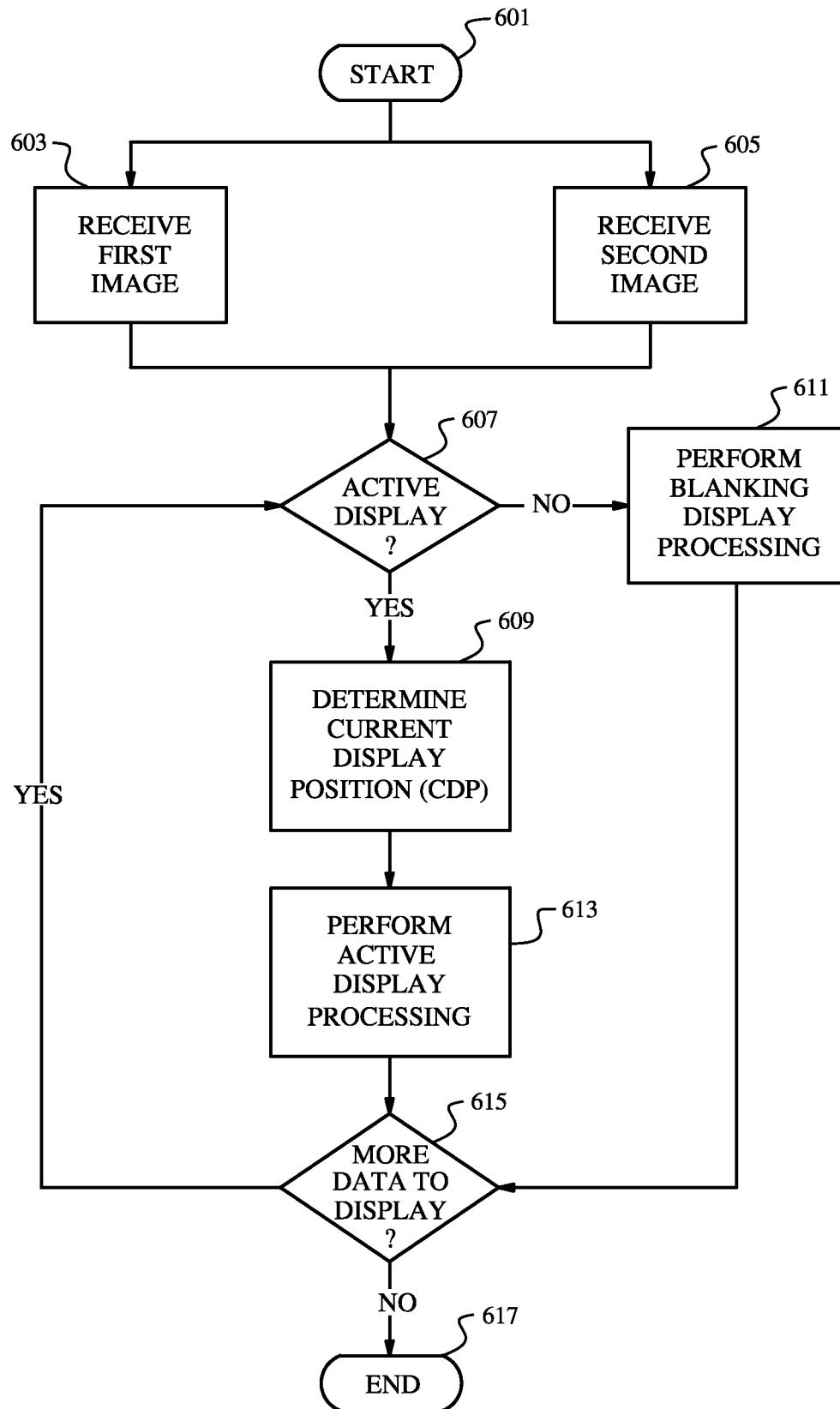


FIG. 6

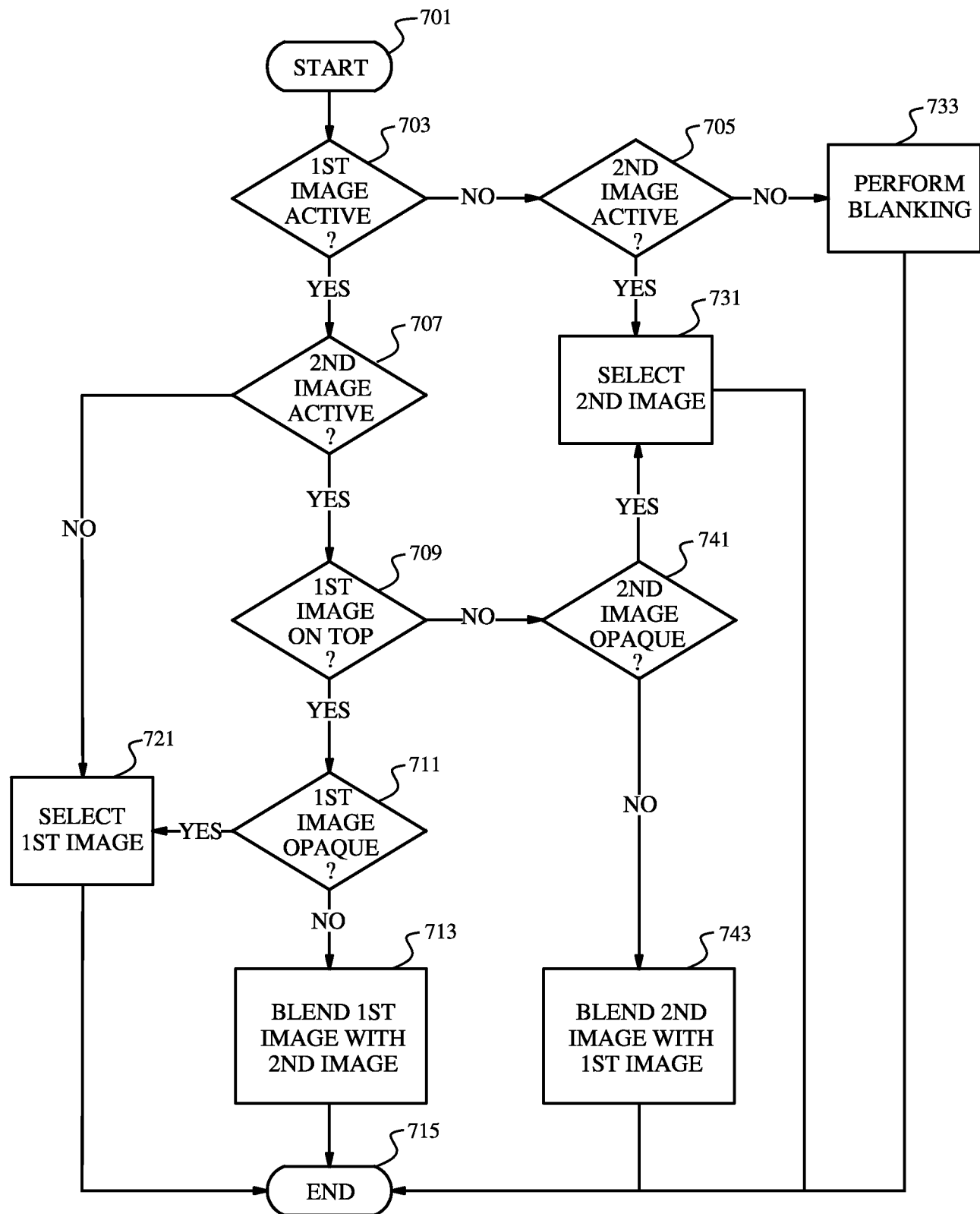


FIG. 7

801 1st Image Active?	803 2nd Image Active?	805 1st Image Opaque?	807 2nd Image Opaque?	809 Which one on top?	821 Output
0	0	-	-	-	Blanking or pixel duplication
0	1	-	-	-	2nd Image
1	0	-	-	-	1st Image
1	1	0	0	1st	alpha blend 1st with 2nd
1	1	0	0	2nd	alpha blend 2nd with 1st
1	1	0	1	1st	alpha blend 1st with 2nd
1	1	0	1	2nd	2nd image
1	1	1	0	1st	1st image
1	1	1	0	2nd	alpha blend 2nd with 1st
1	1	1	1	1st	1st
1	1	1	1	2nd	2nd

FIG. 8

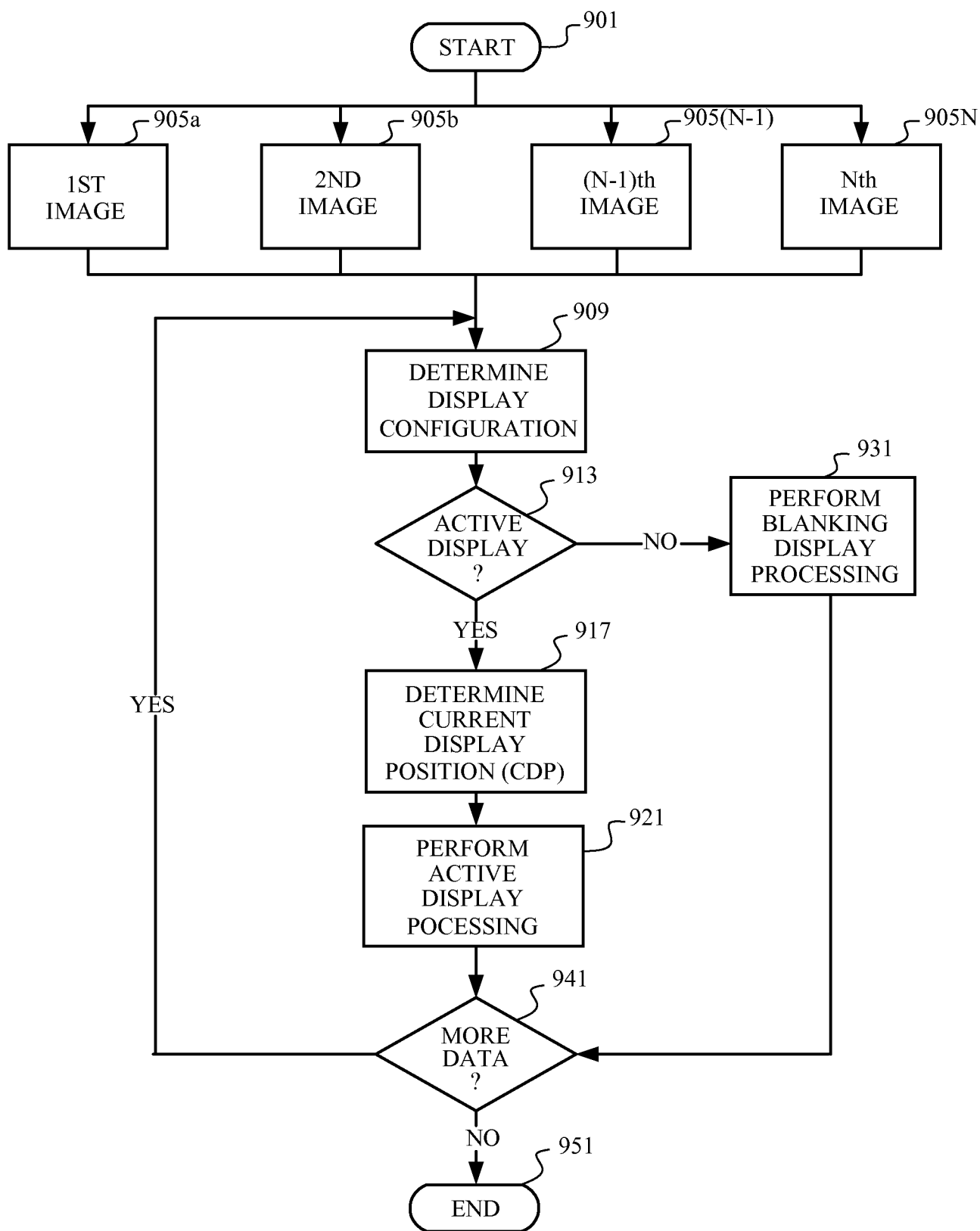


FIG. 9

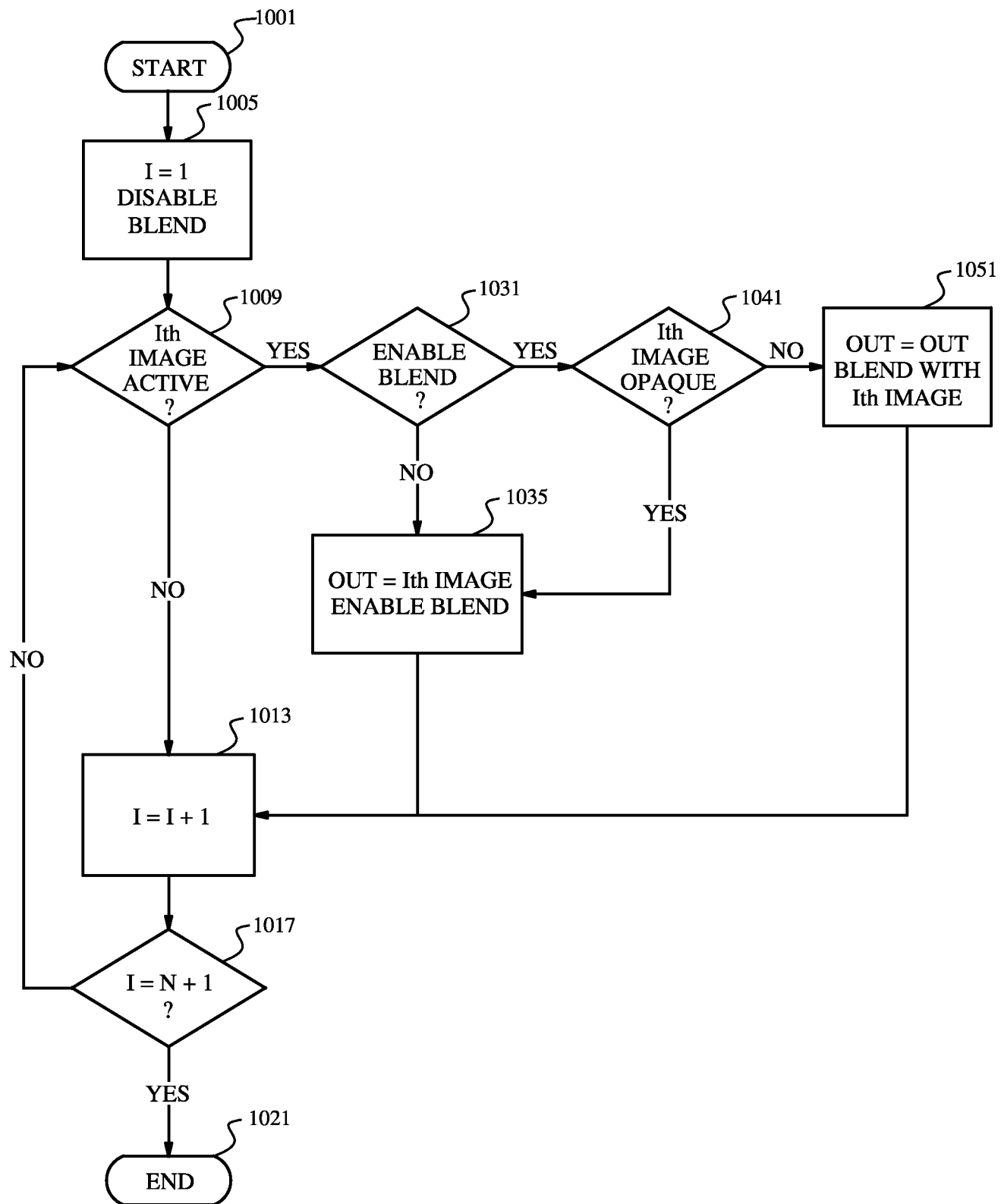


FIG. 10

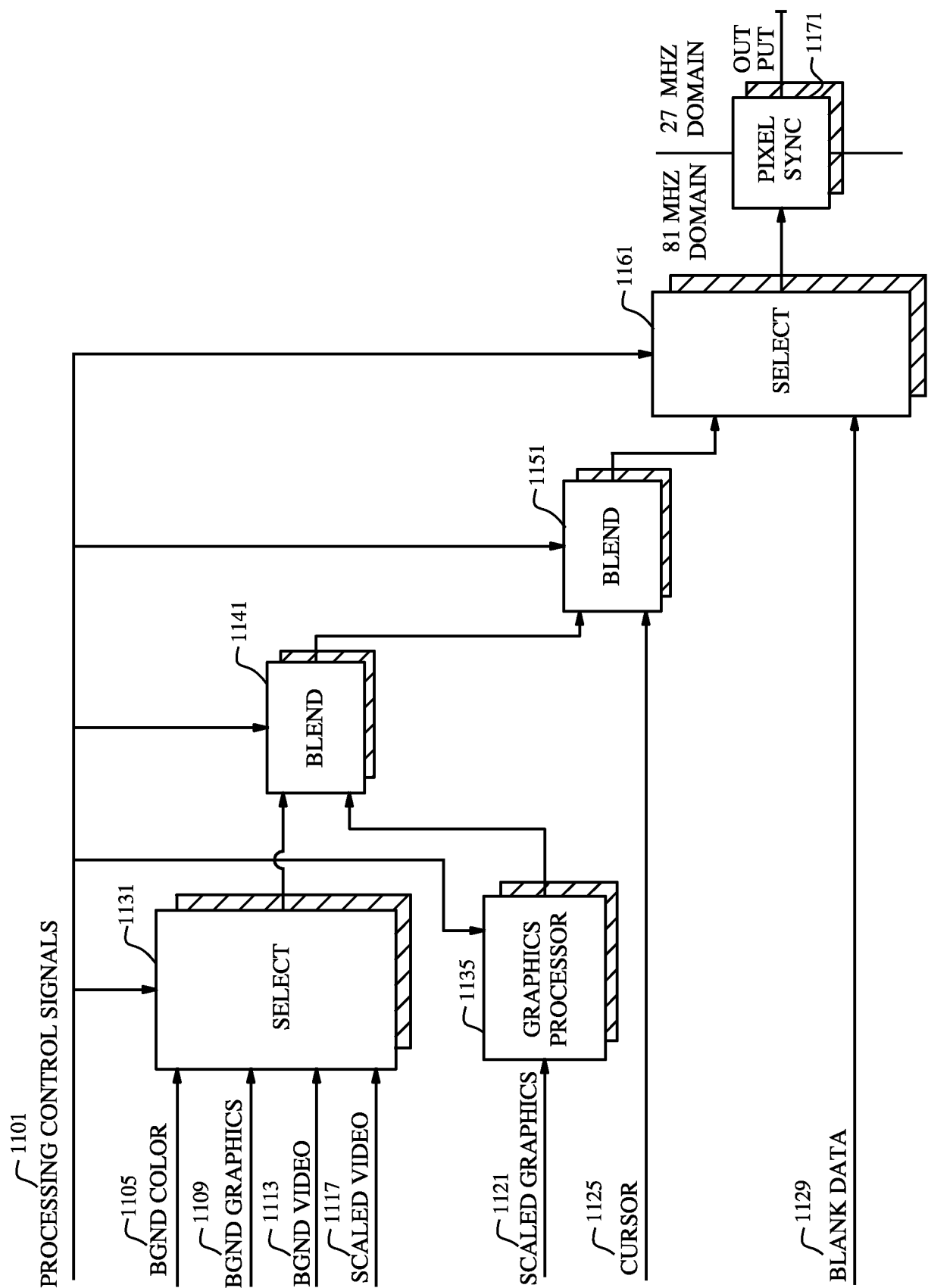


FIG. 11

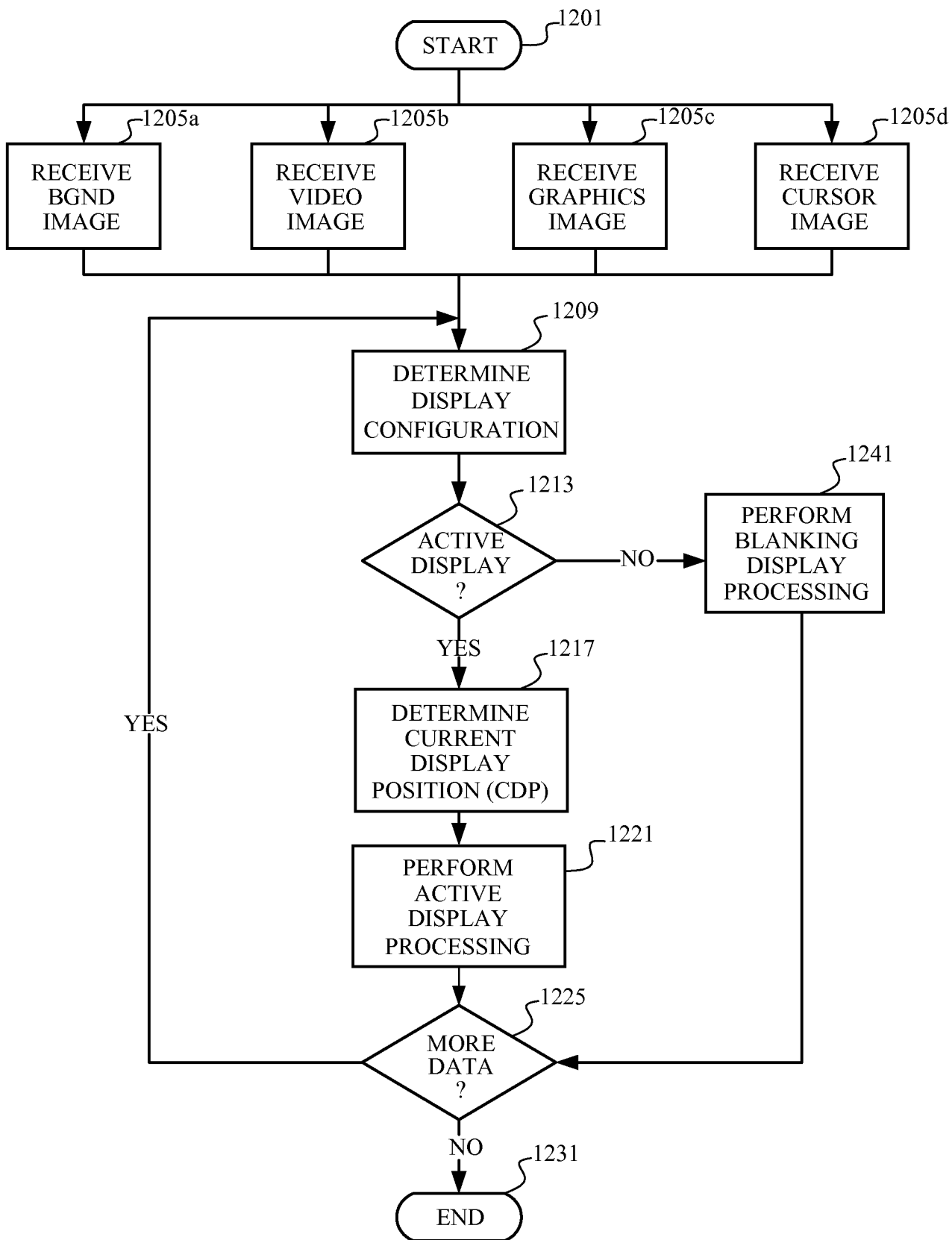


FIG. 12

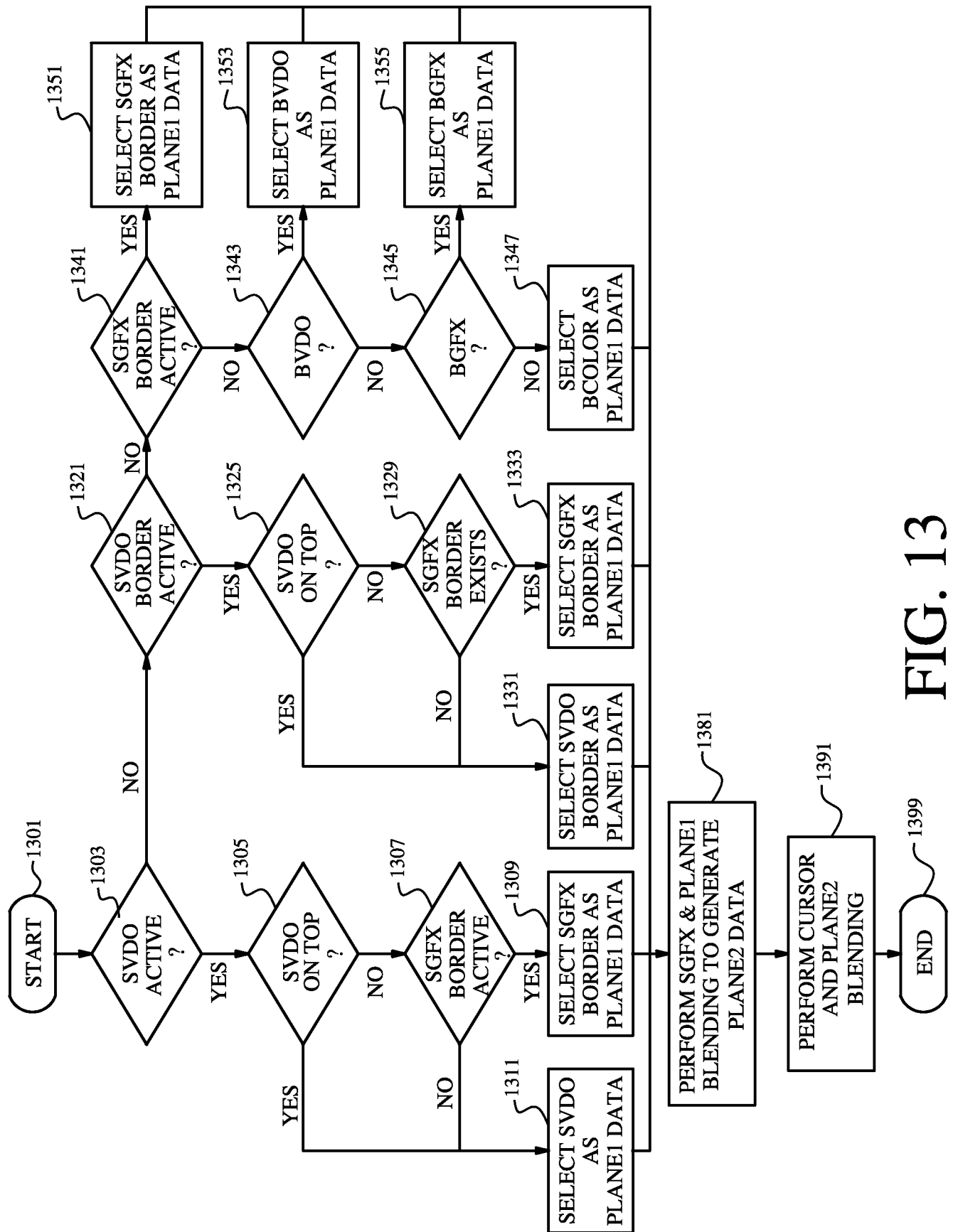


FIG. 13

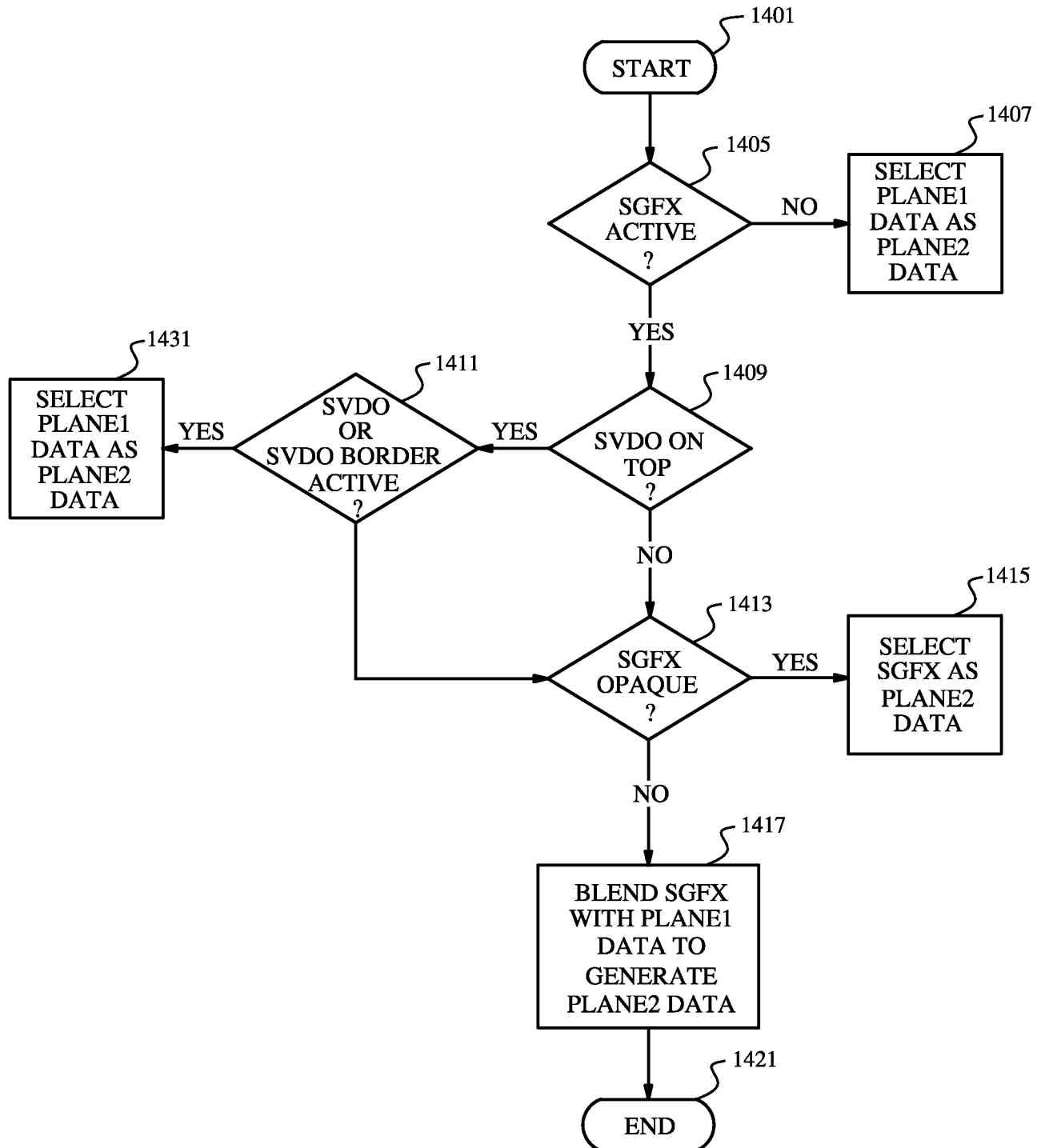


FIG. 14

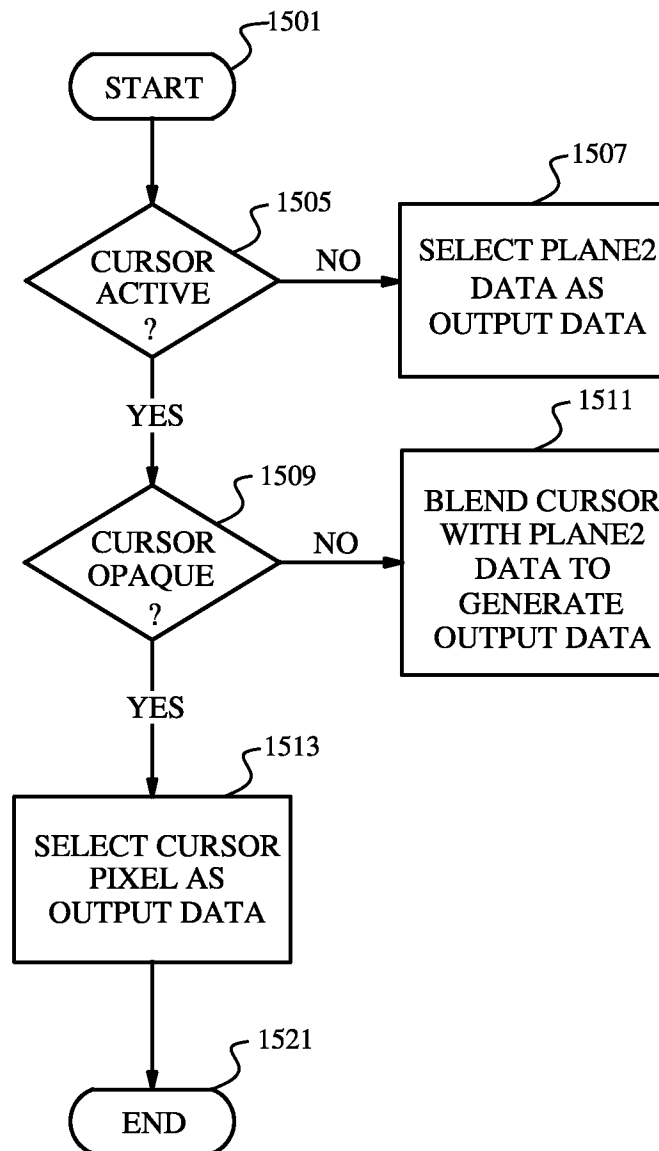


FIG. 15

1601	1603	1605	1607	1609	1611	1621
BGMD Active?	SVDO Active?	SGFX Active?	Cursor Active?	SVDO on top?	SGFX opaque?	Action Performed
-	0	0	0	-	-	select BGND pixel
-	0	0	1	-	-	alpha blend cursor with BGND
-	0	1	0	-	0	alpha blend SGFX with BGND
-	0	1	0	-	1	select SGFX
-	0	1	1	-	0	alpha blend cursor with SGFX and BGND
-	0	1	1	-	1	select SGFX; alpha blend cursor with SGFX
-	1	0	0	-	-	select SVDO
-	1	0	1	-	-	alpha blend cursor with SVDO
-	1	1	0	0	0	alpha blend SGFX with SVDO
-	1	1	0	0	1	select SGFX

To be Continued on FIG.16B

FIG. 16A

Continued from FIG. 16A

BGND Active?	SVDO Active?	SGFX Active?	Cursor Active?	SVDO on top?	SGFX opaque?	Action Performed
-	1	1	0	1	-	select SVDO
-	1	1	1	0	0	alpha blend cursor with SGFX and SVDO
-	1	1	1	0	1	select SGFX; alpha blend cursor with SGFX
-	1	1	1	1	-	select SVDO; alpha blend cursor with SVDO

FIG. 16B

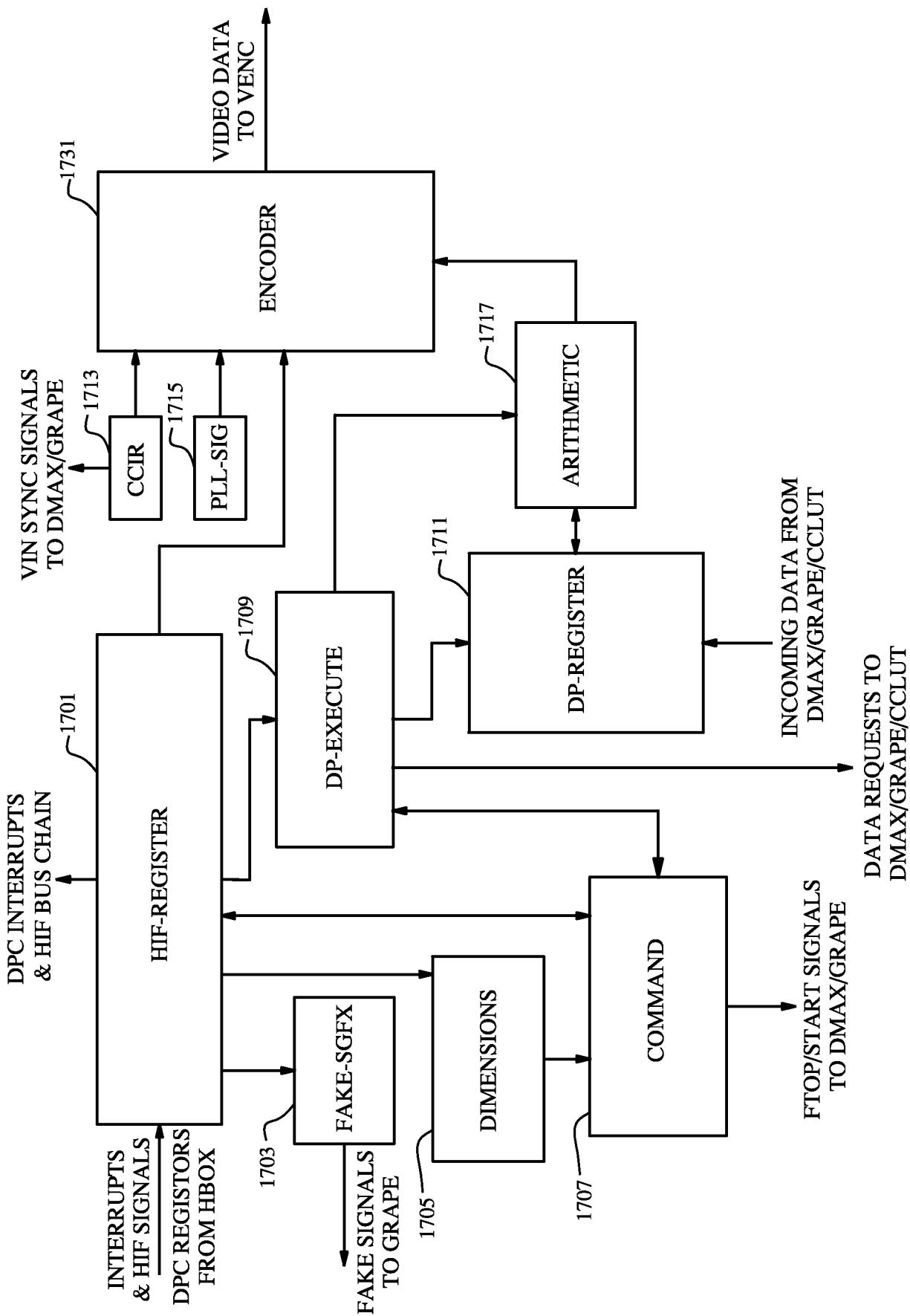


FIG. 17

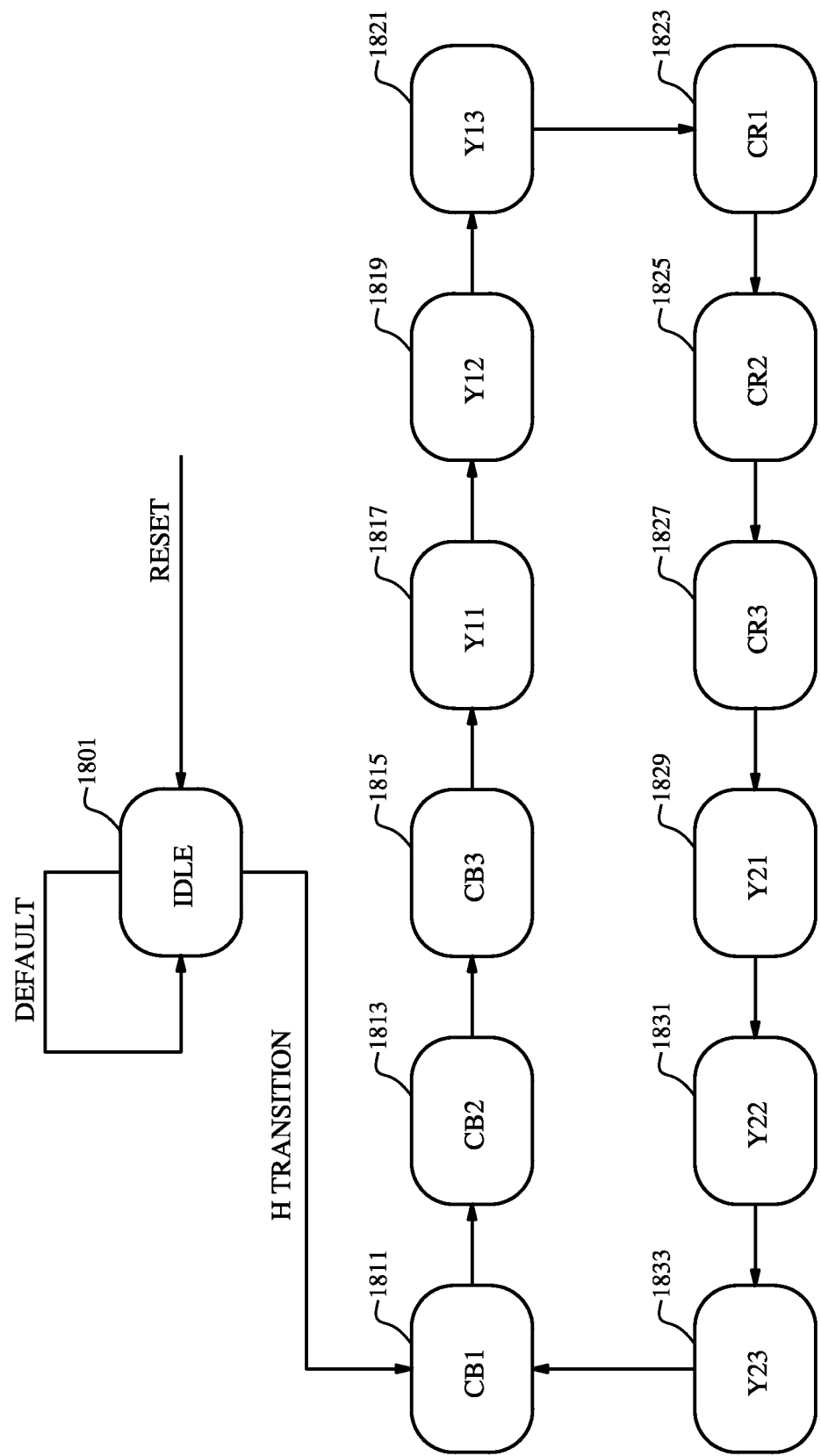


FIG. 18

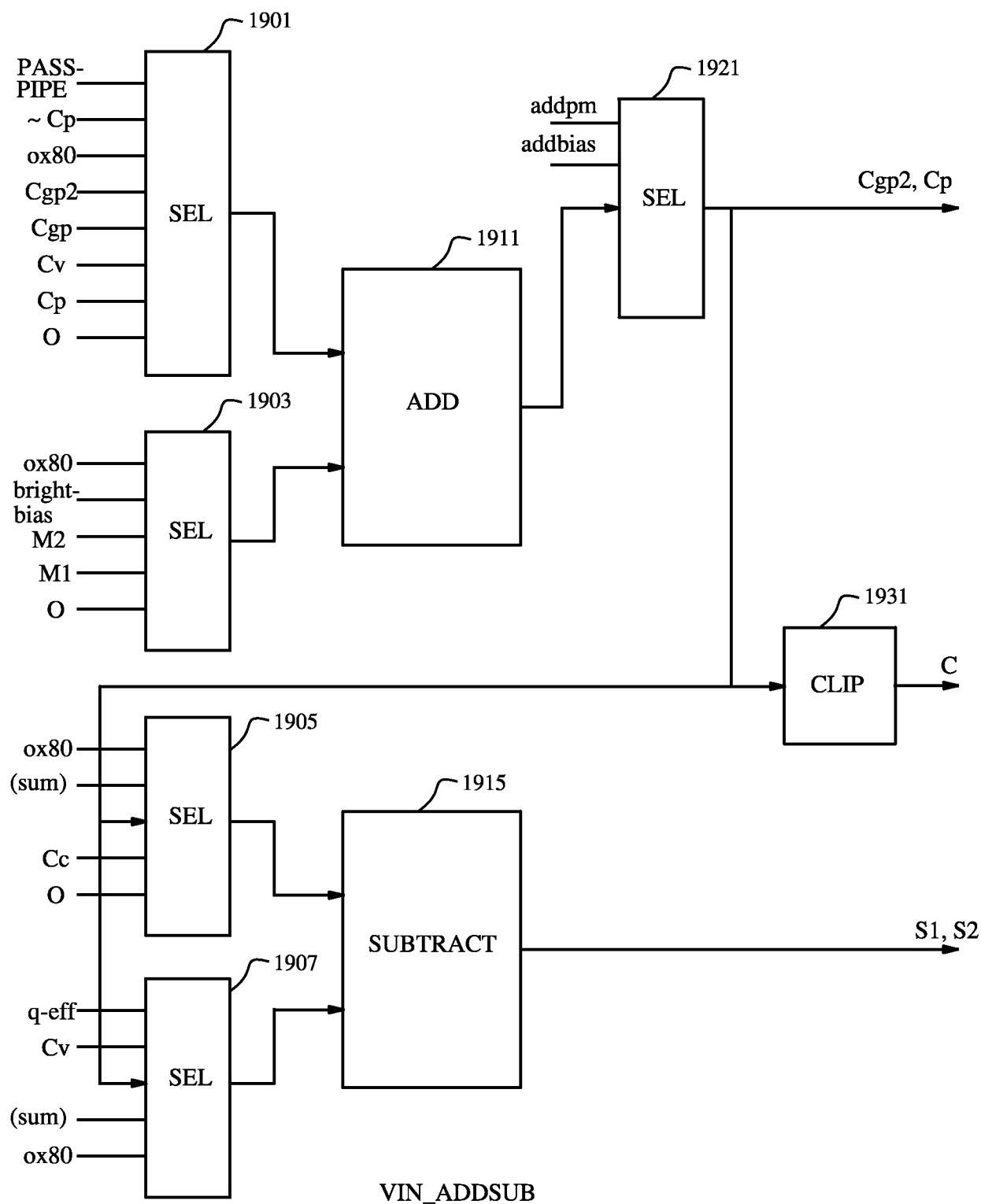
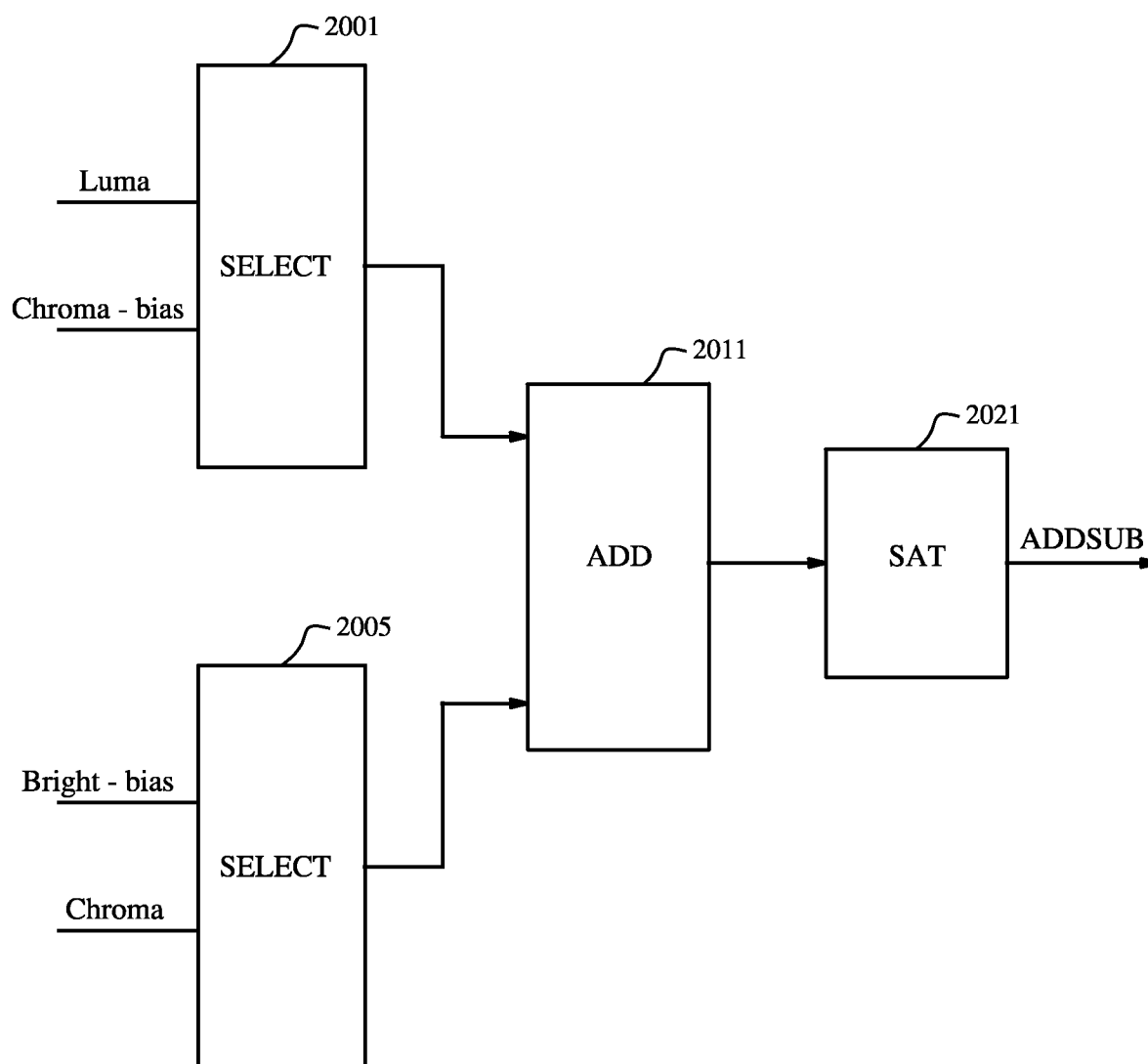
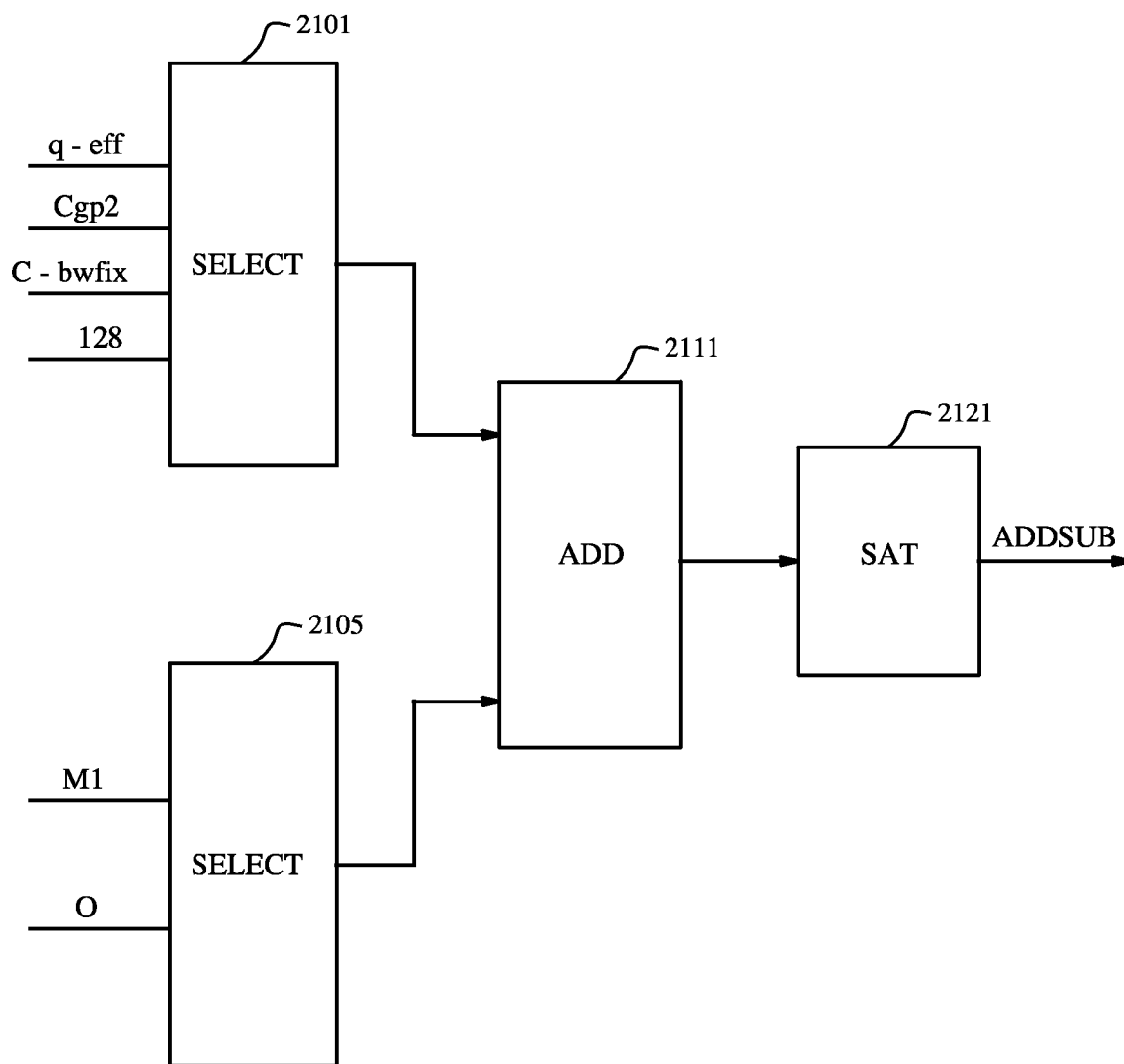


FIG. 19



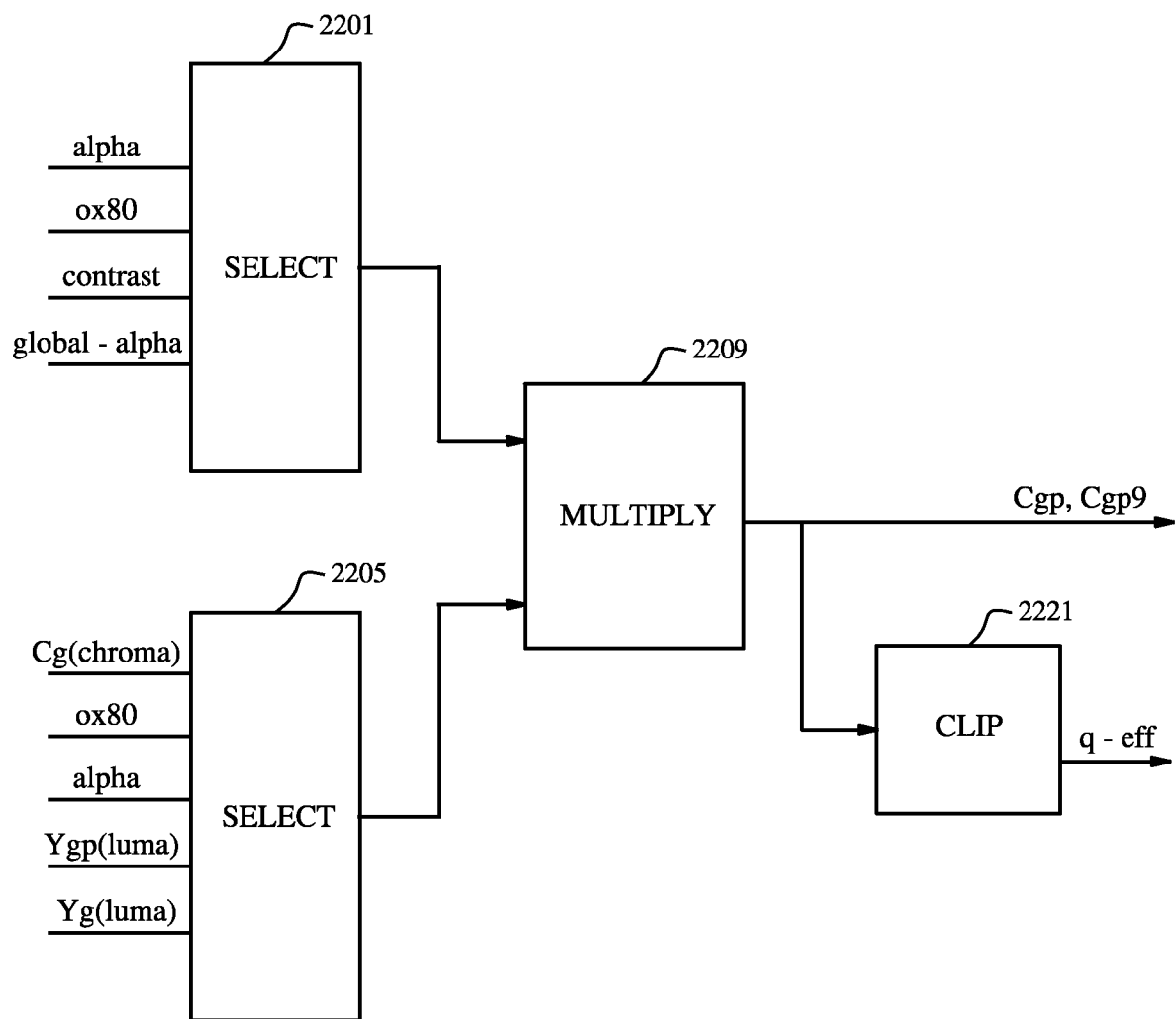
VIN_ADDBIAS

FIG. 20



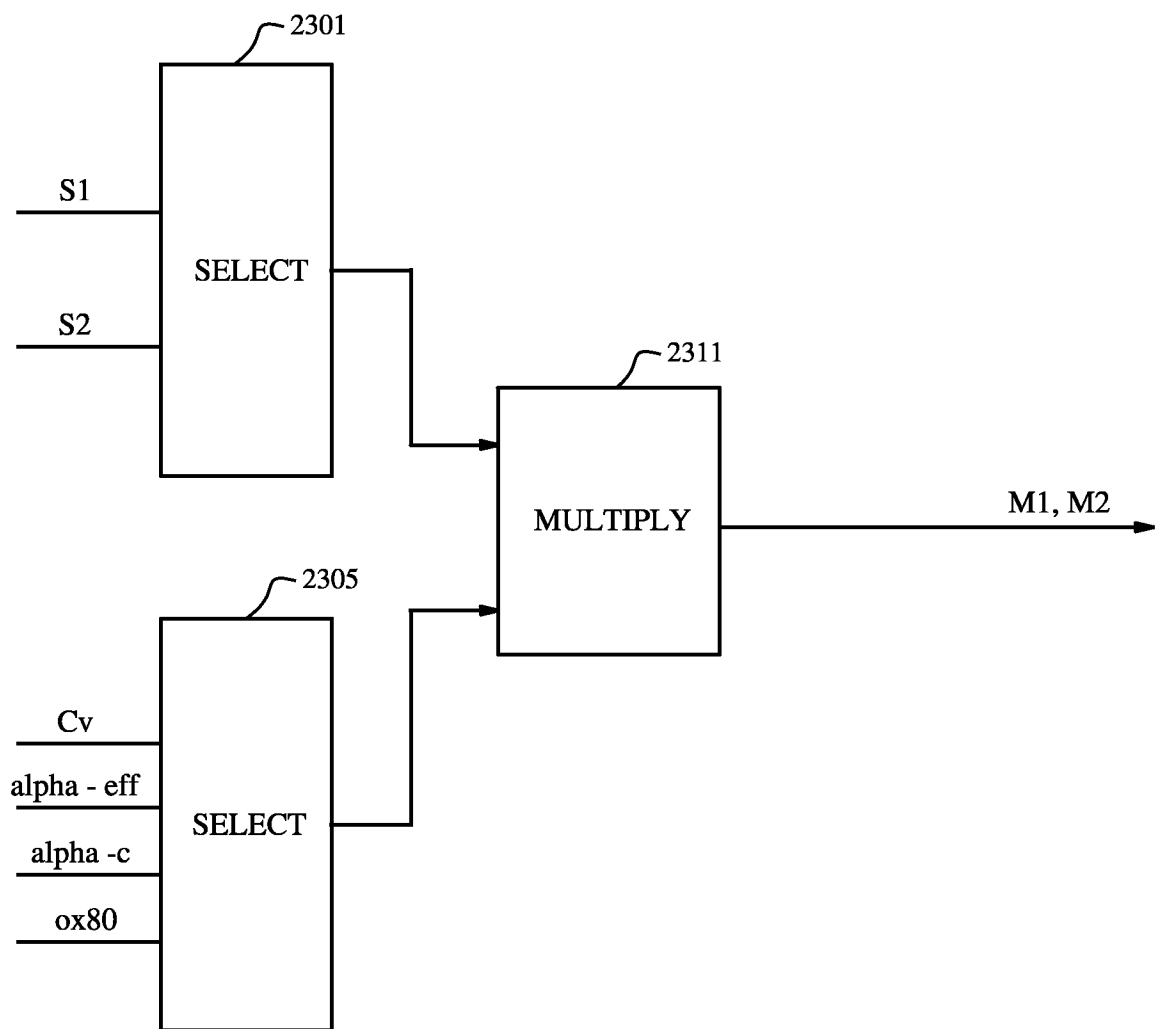
VIN_ADDPM

FIG. 21



VIN_MUL1

FIG. 22



VIN_MUL2

FIG. 23

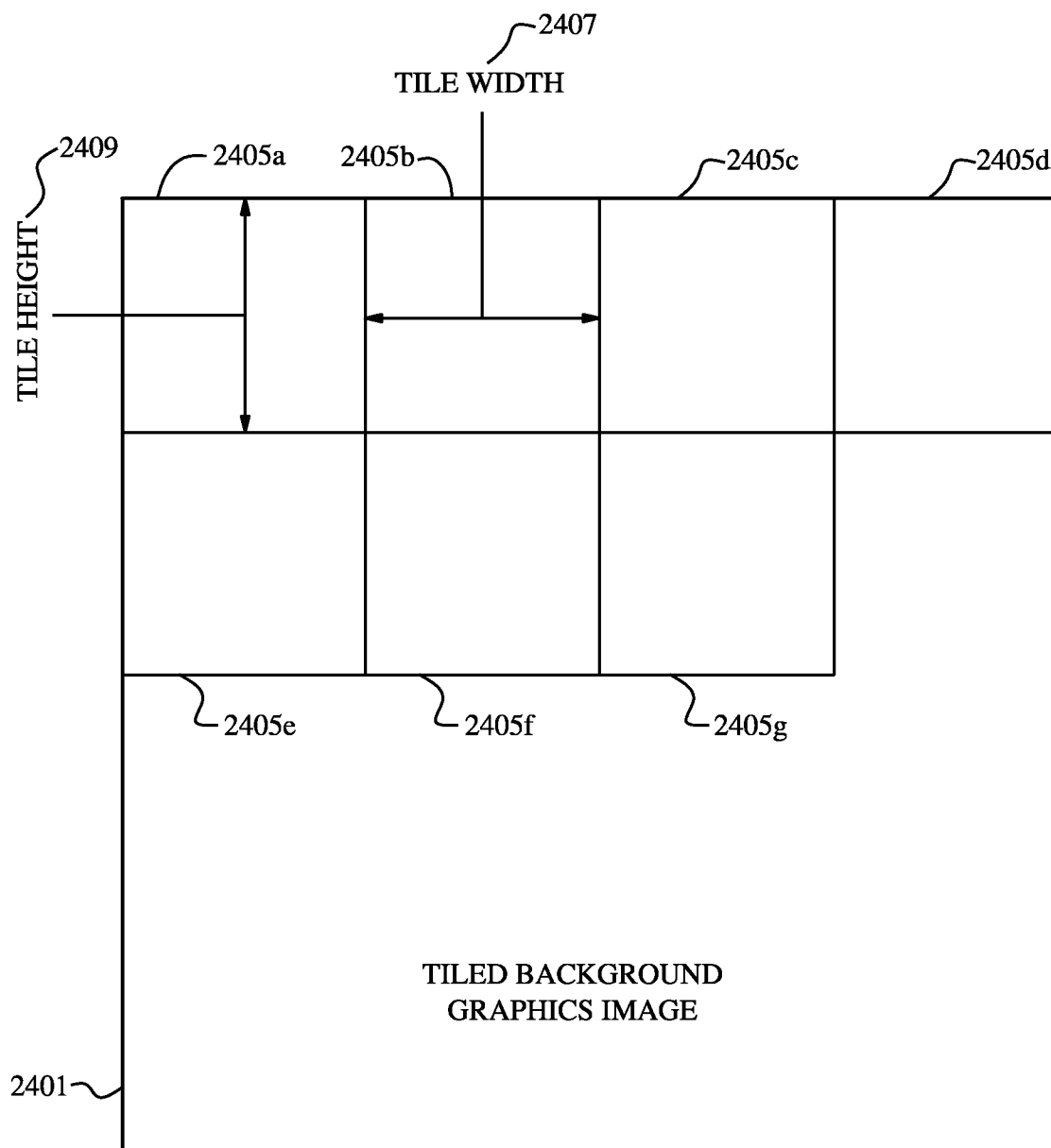


FIG. 24A

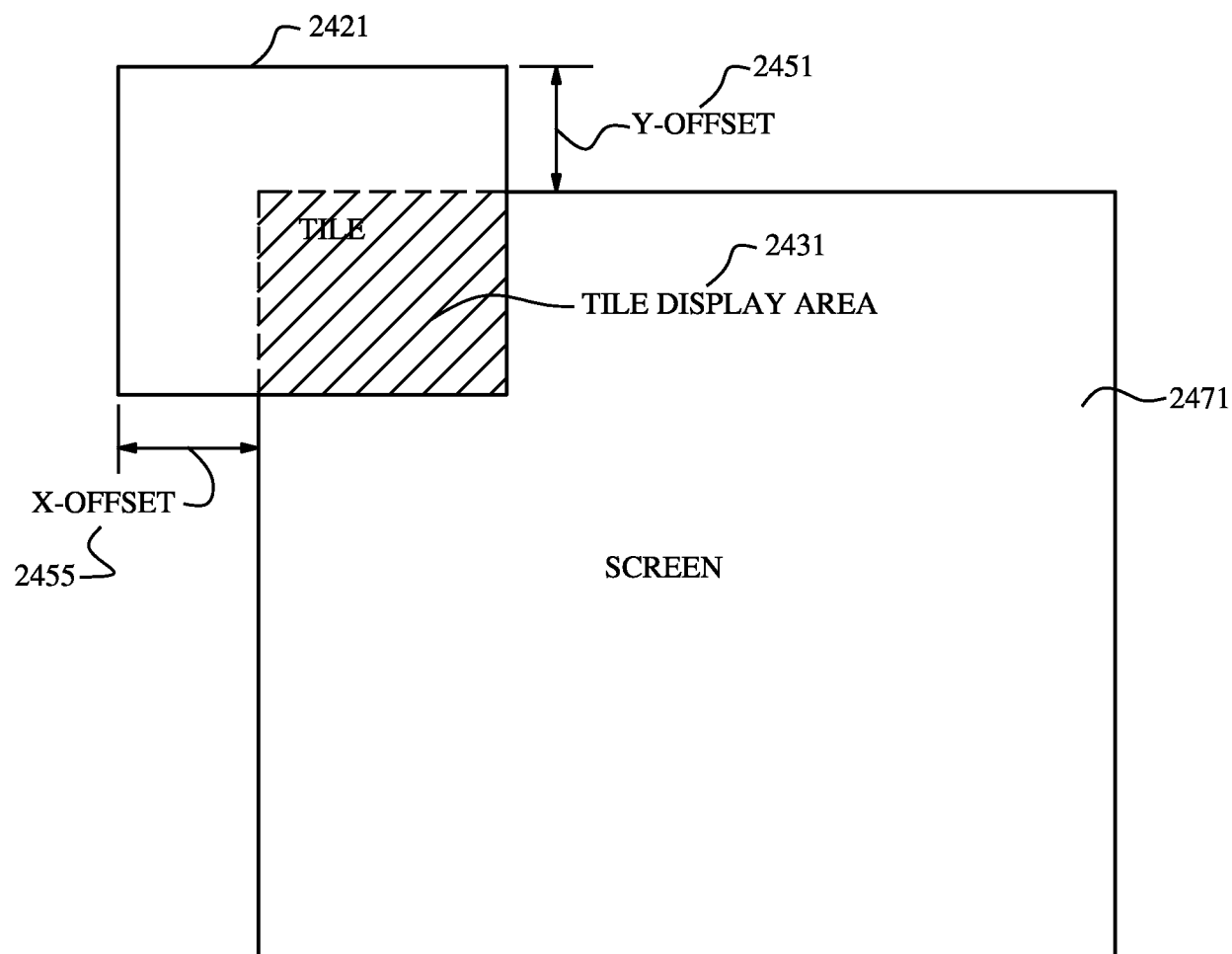


FIG. 24B

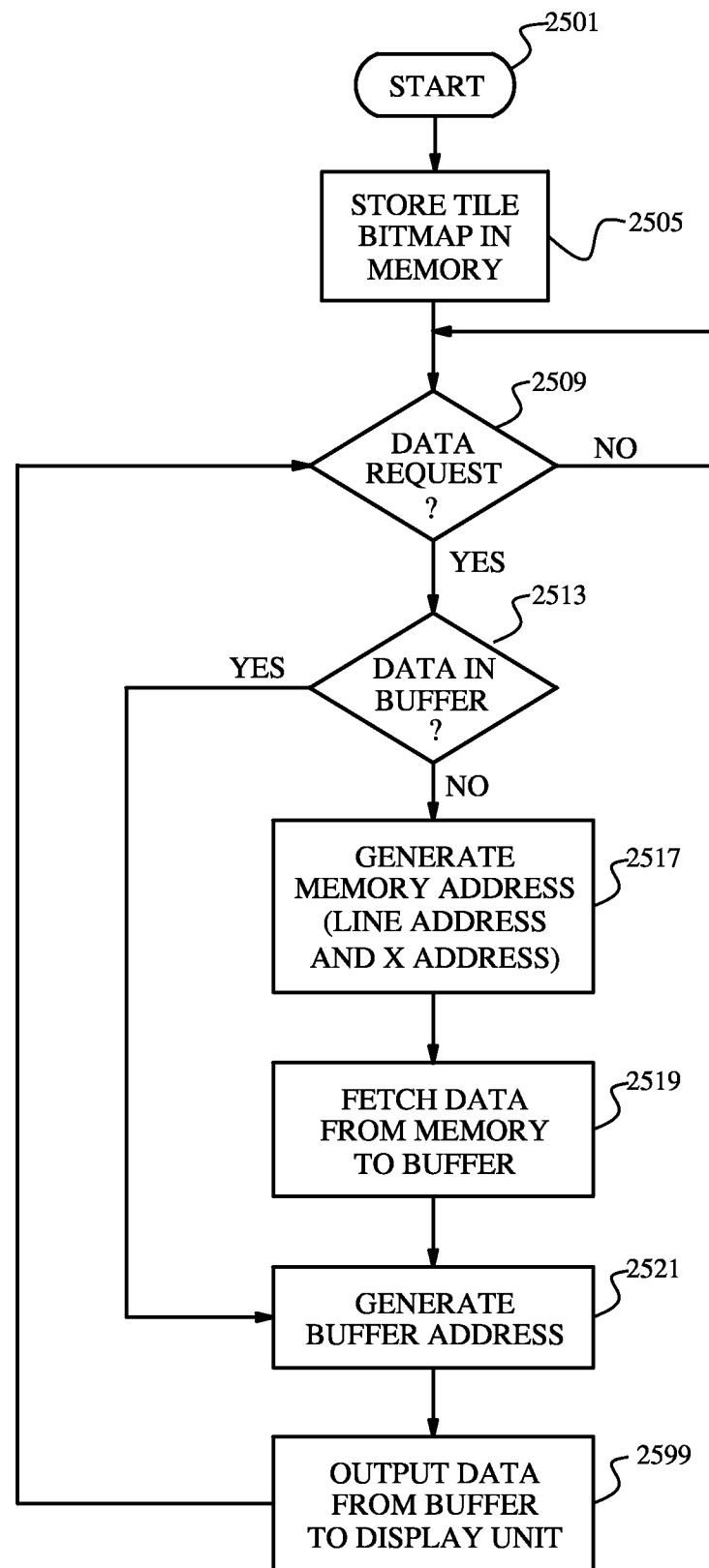


FIG. 25

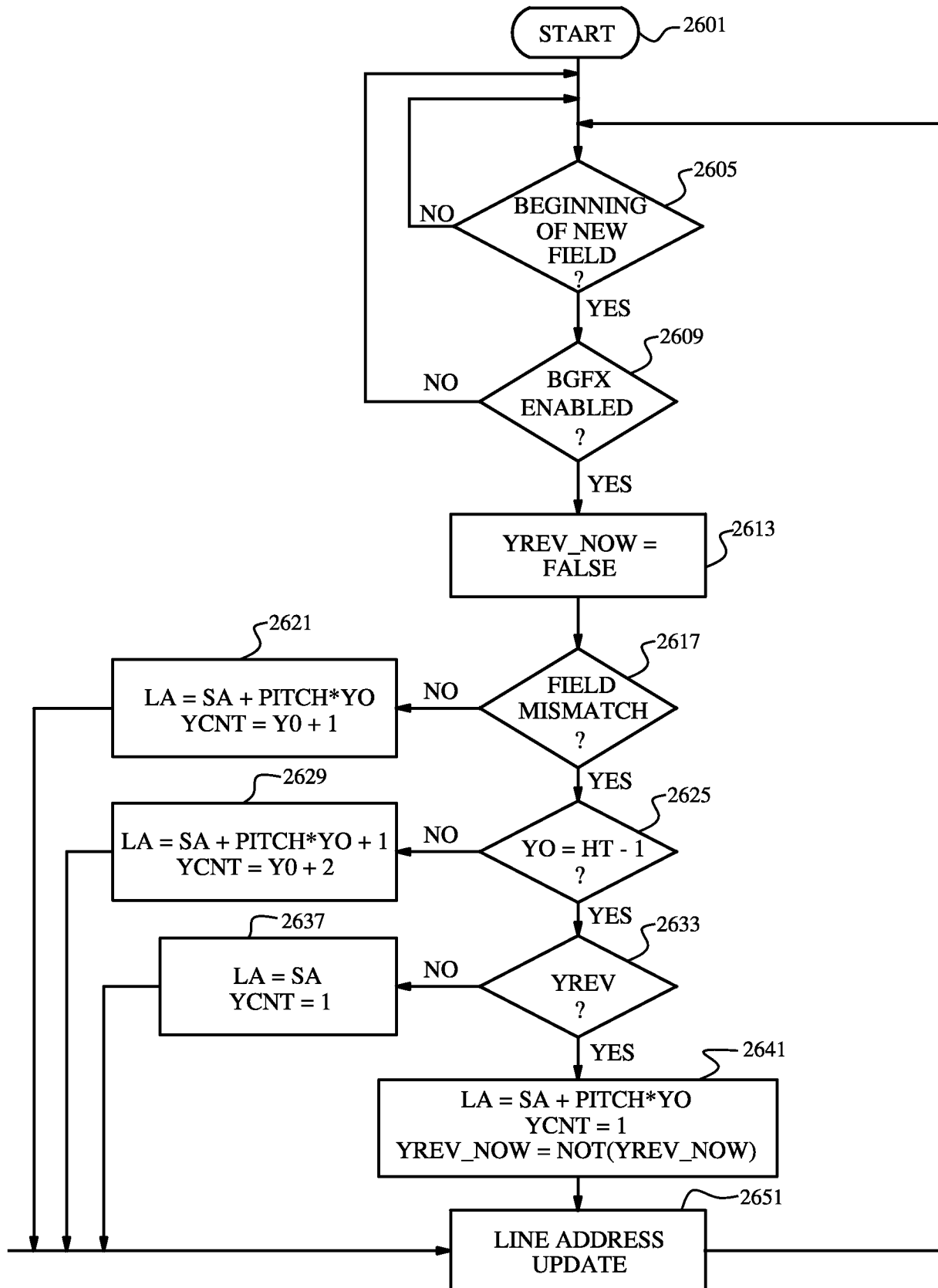


FIG. 26

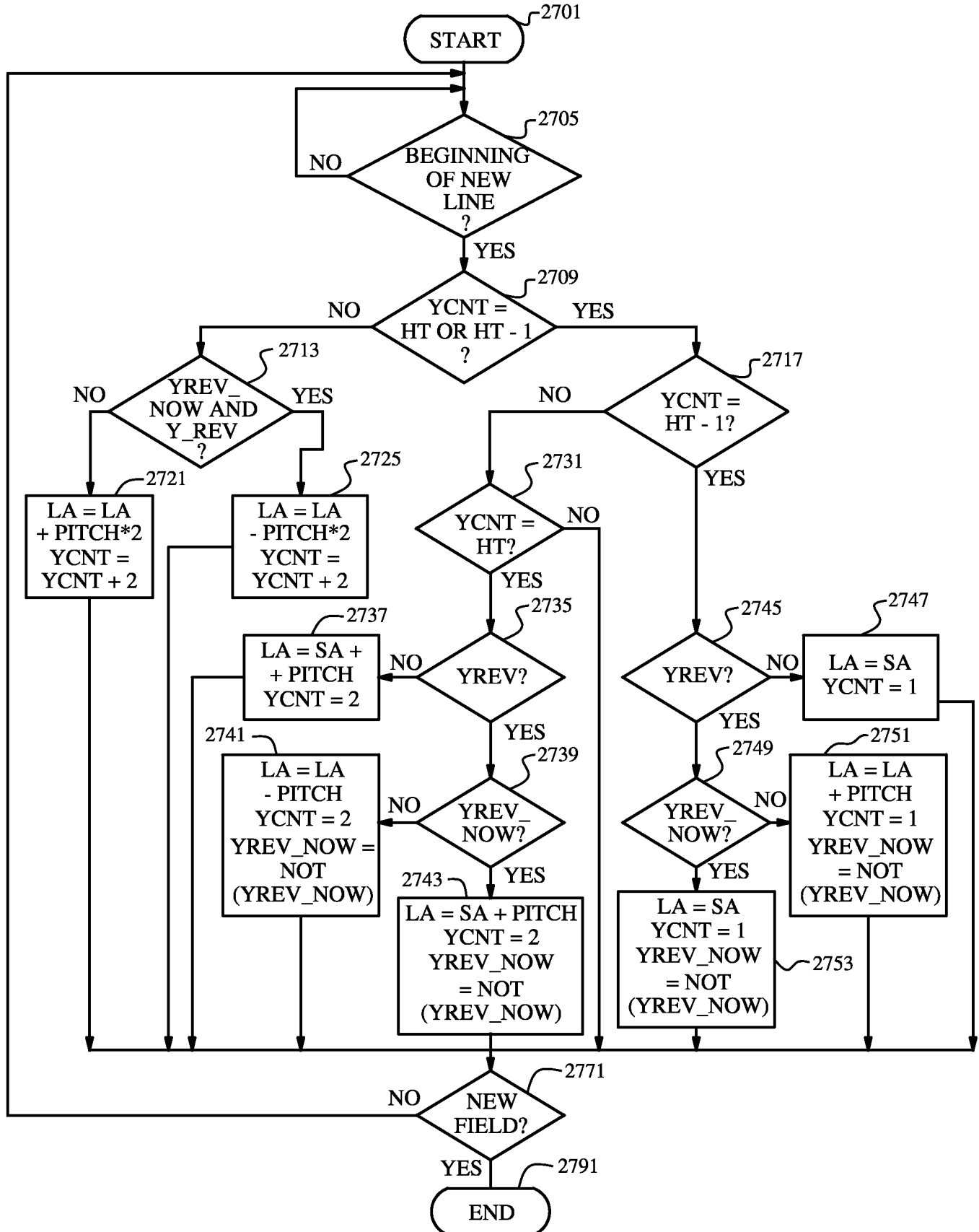


FIG. 27

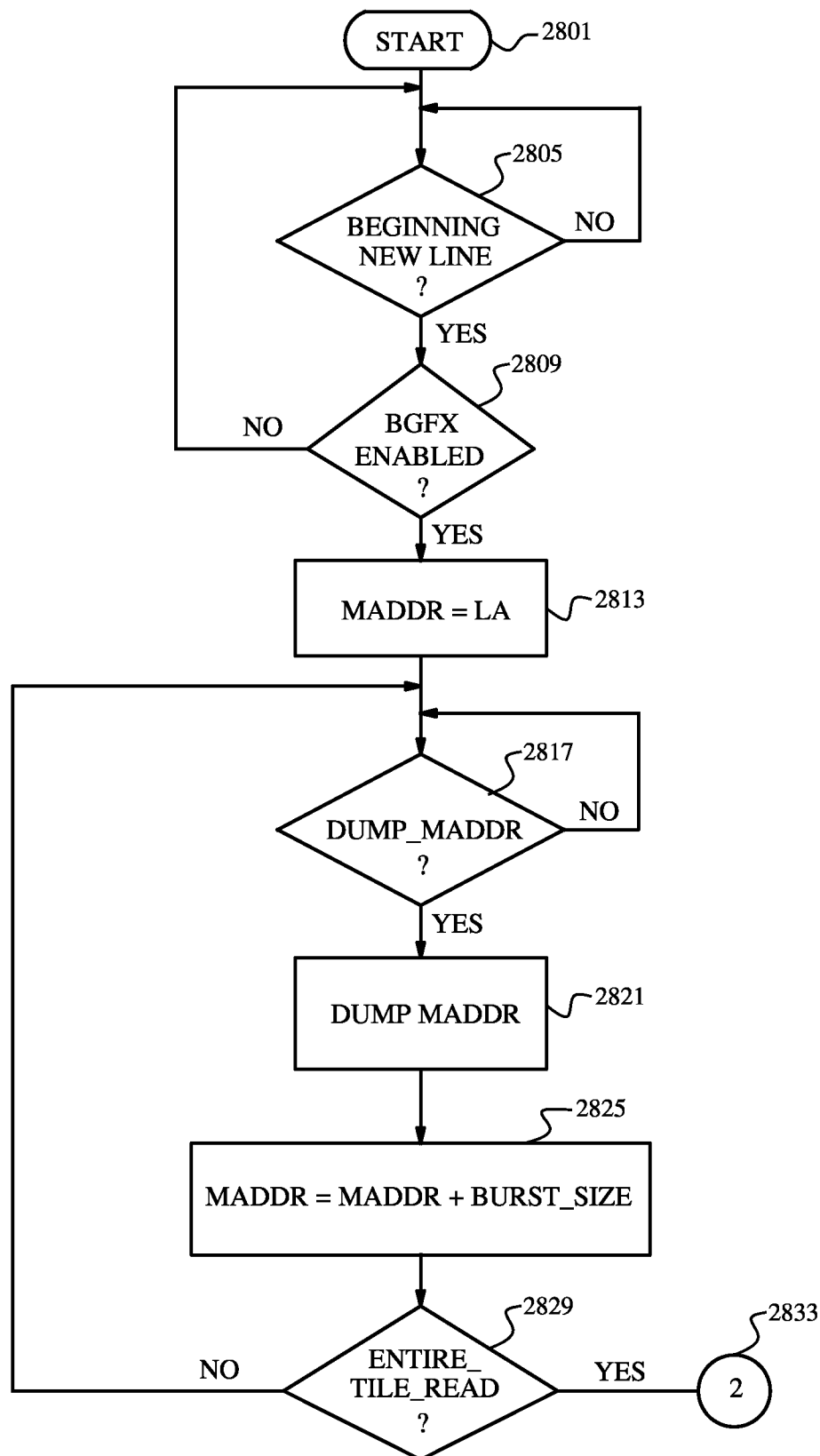


FIG. 28

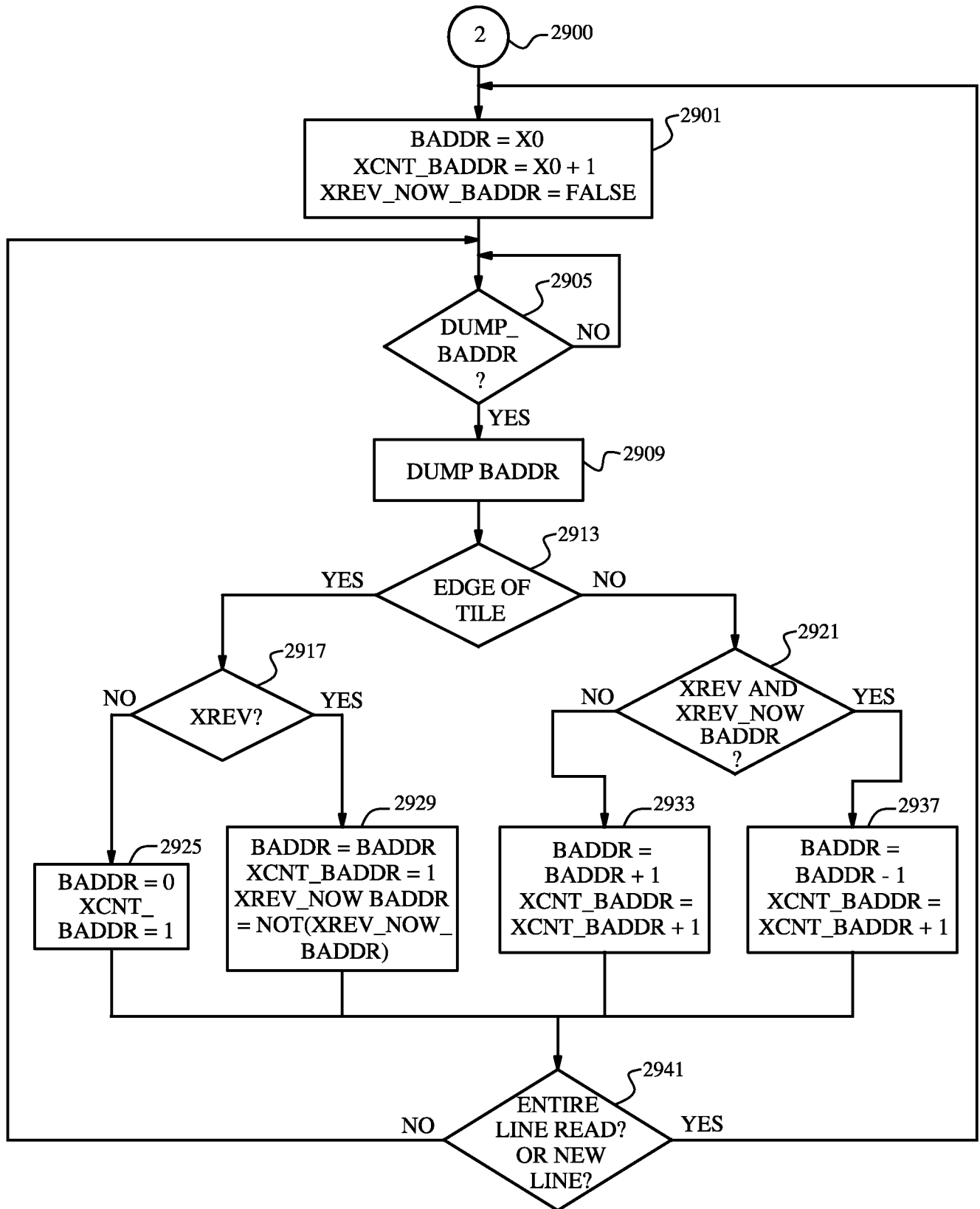


FIG. 29

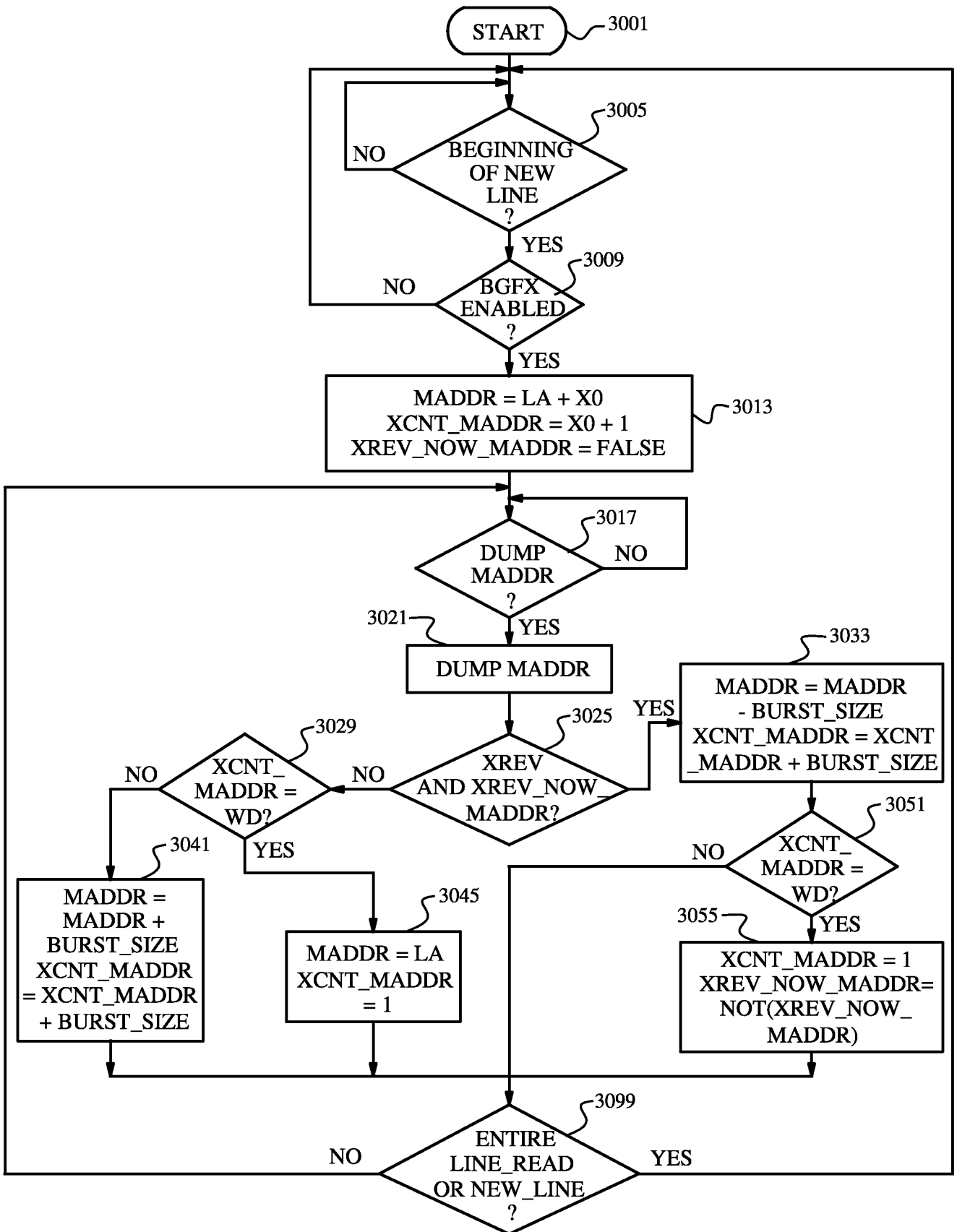


FIG. 30

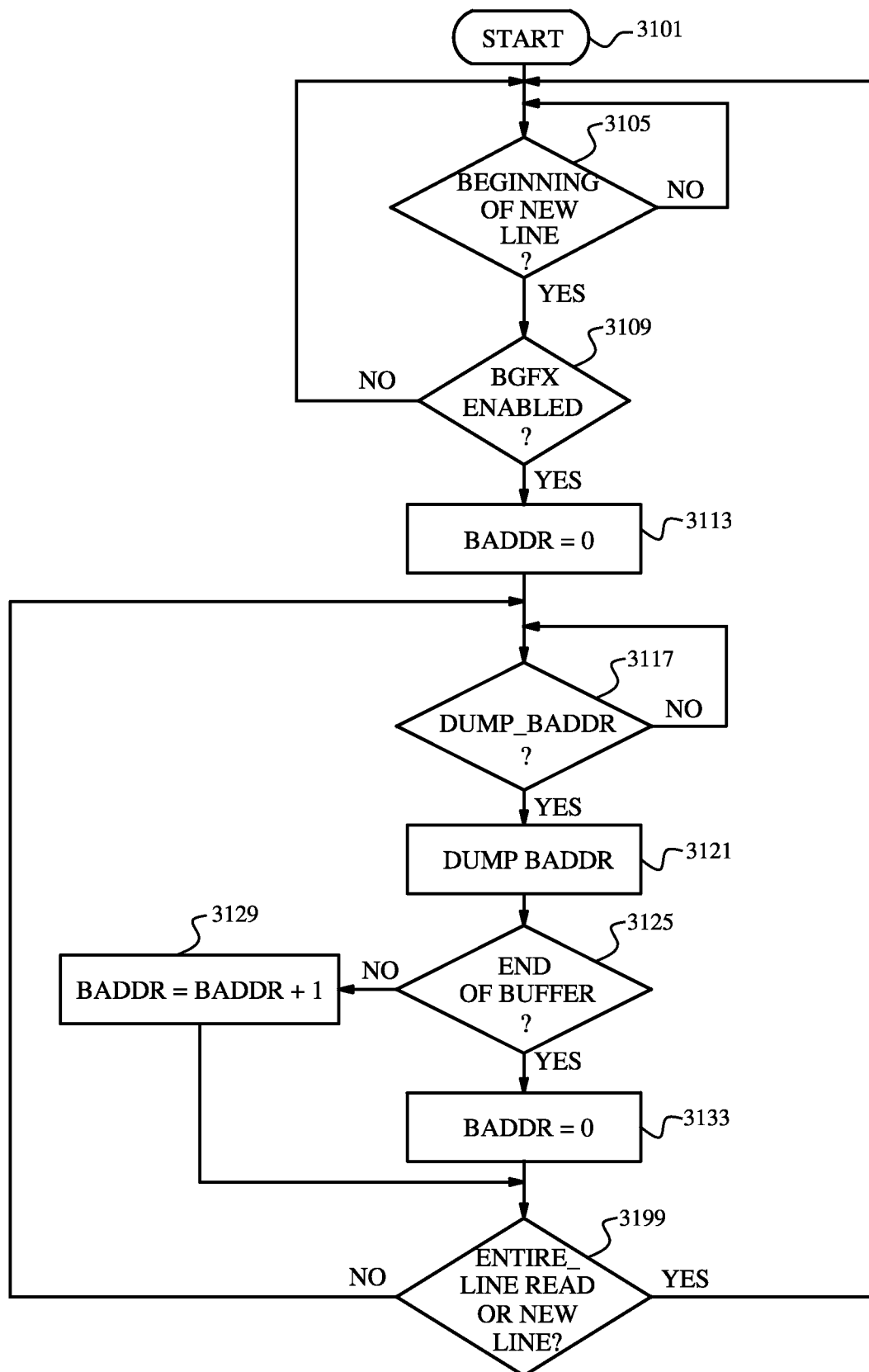


FIG. 31